

FIG. 1  
(PRIOR ART)

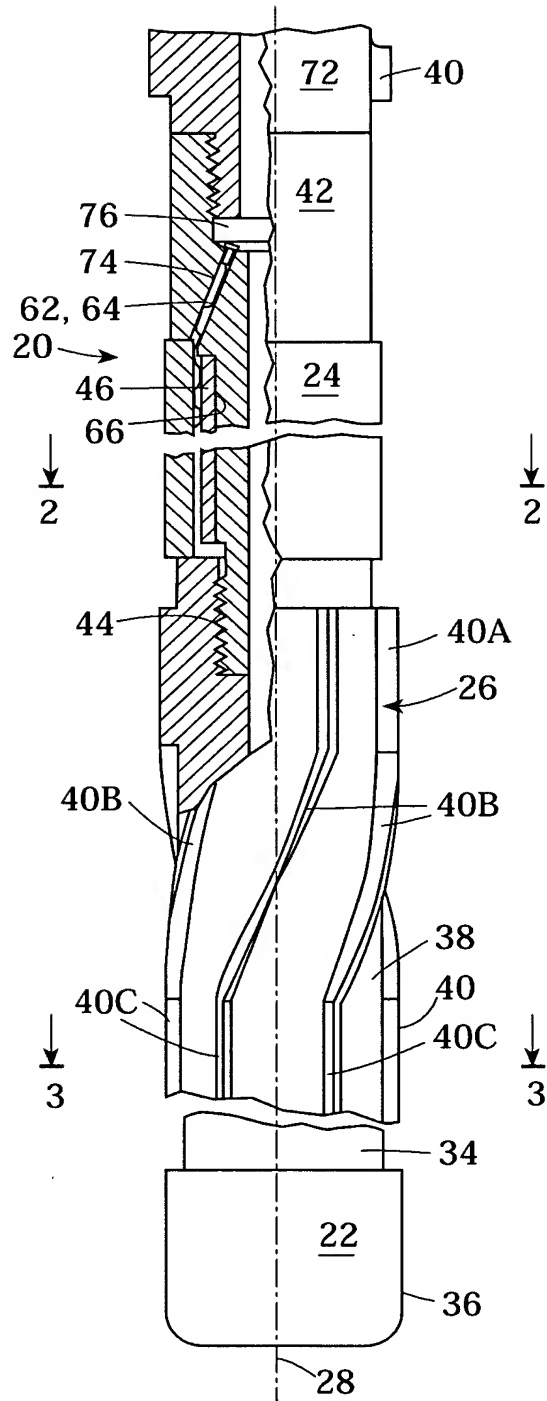
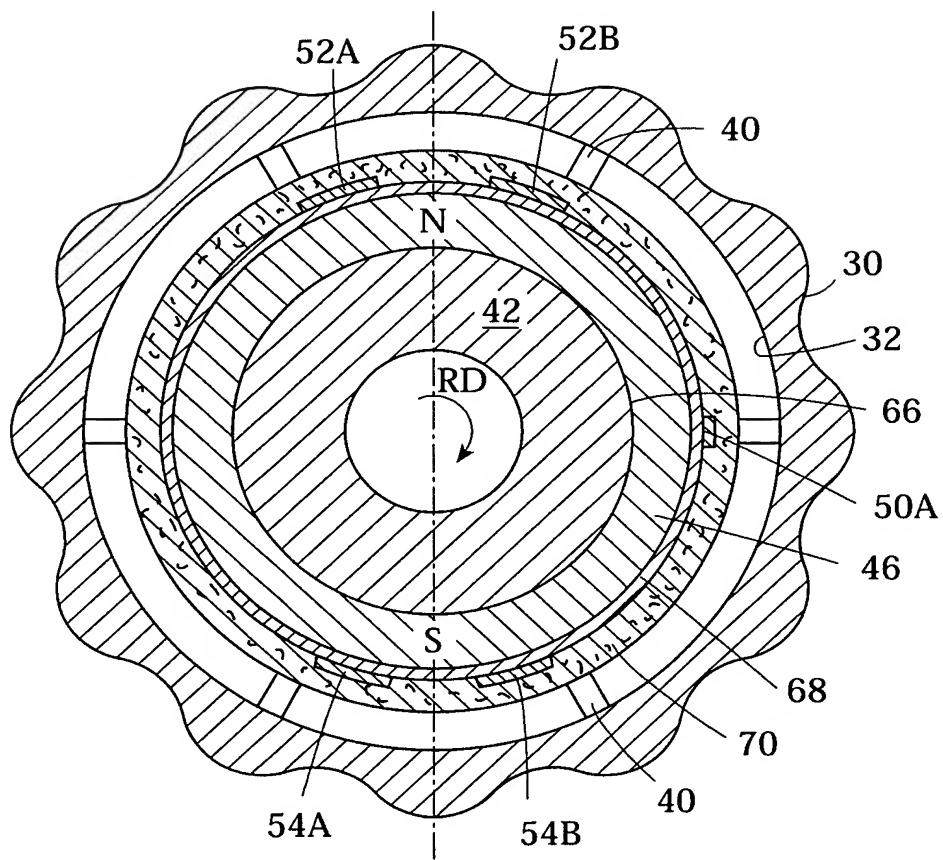
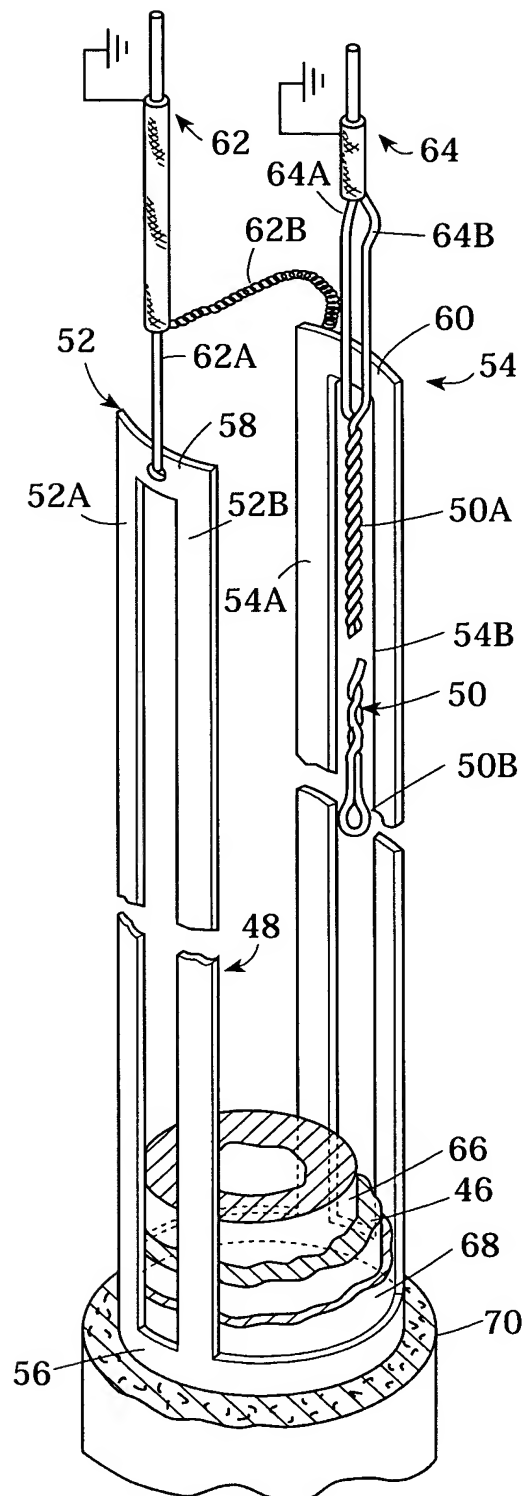


FIG. 2

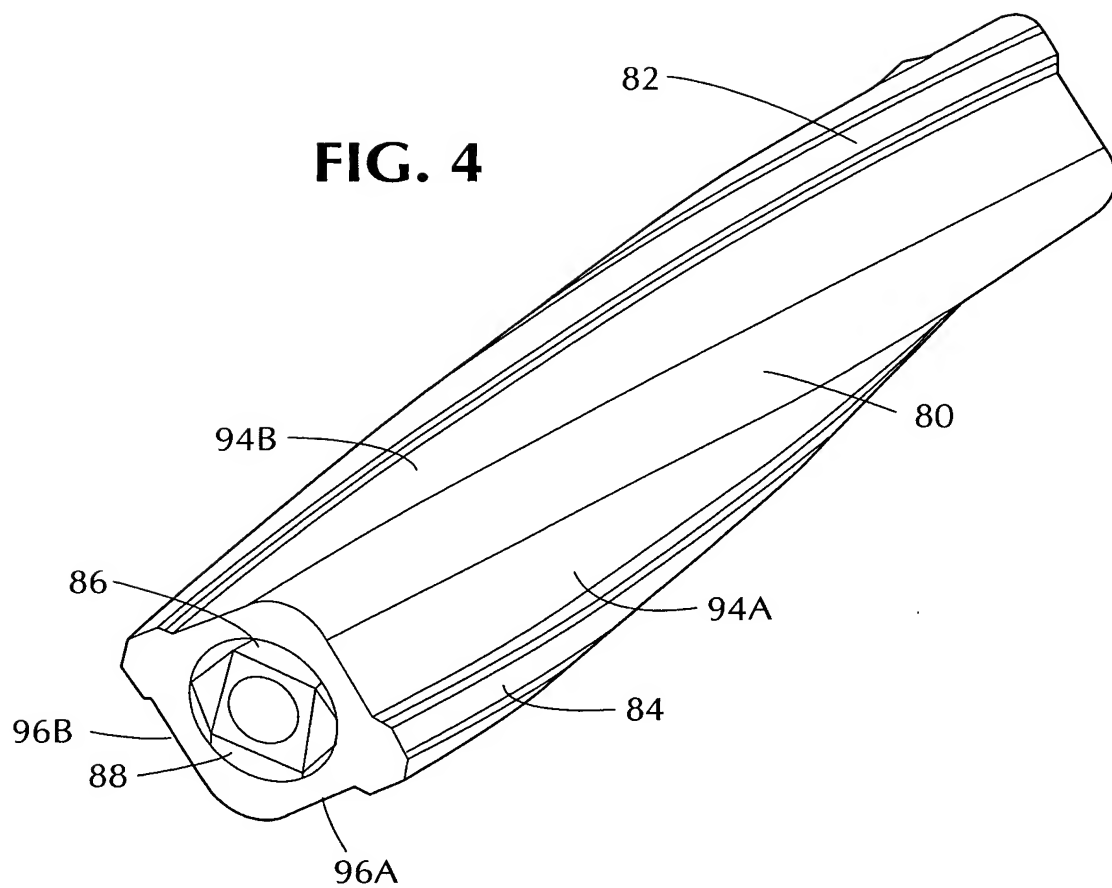
(PRIOR ART)



(PRIOR ART)



**FIG. 4**



**FIG. 5**

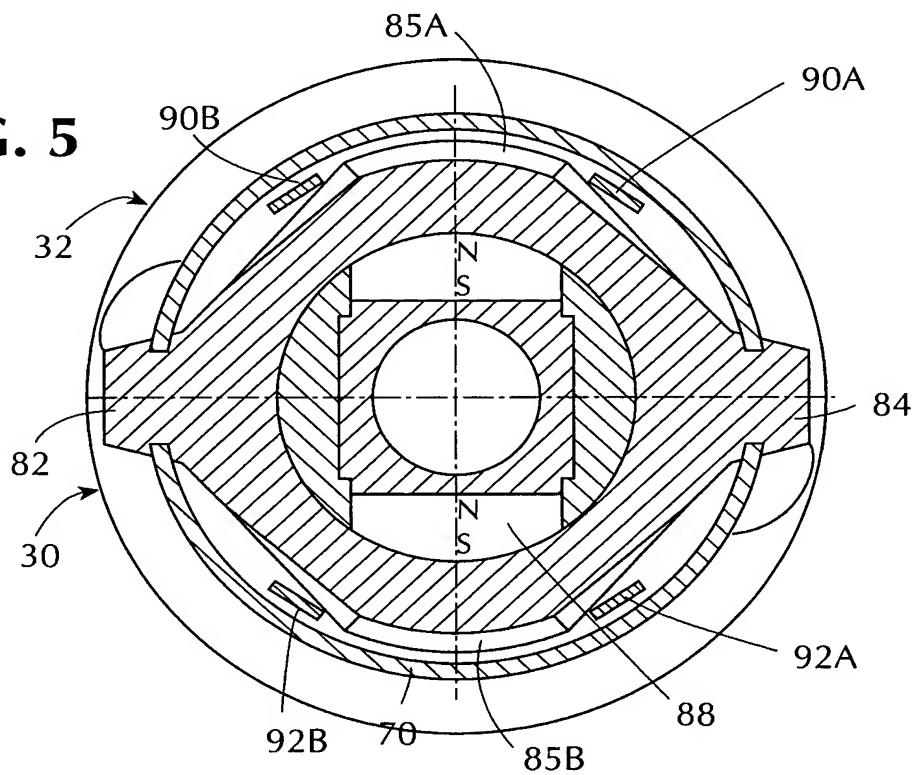
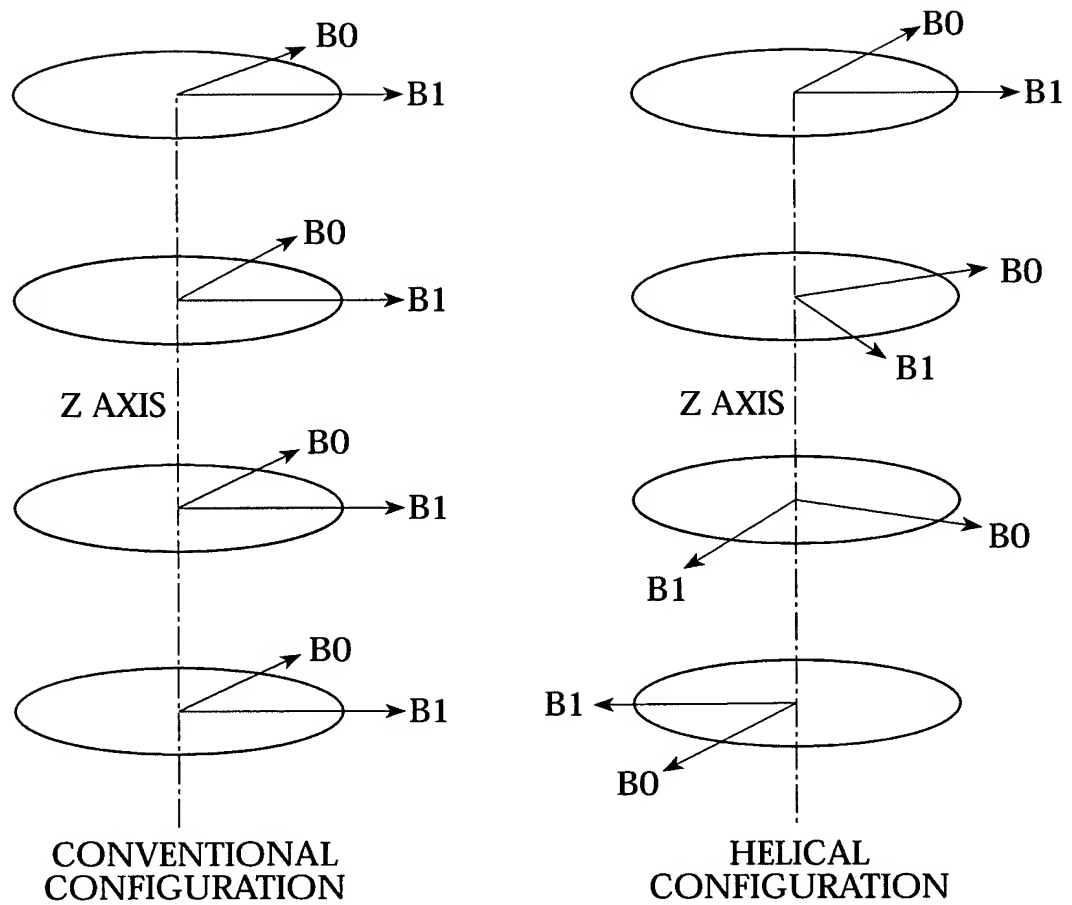


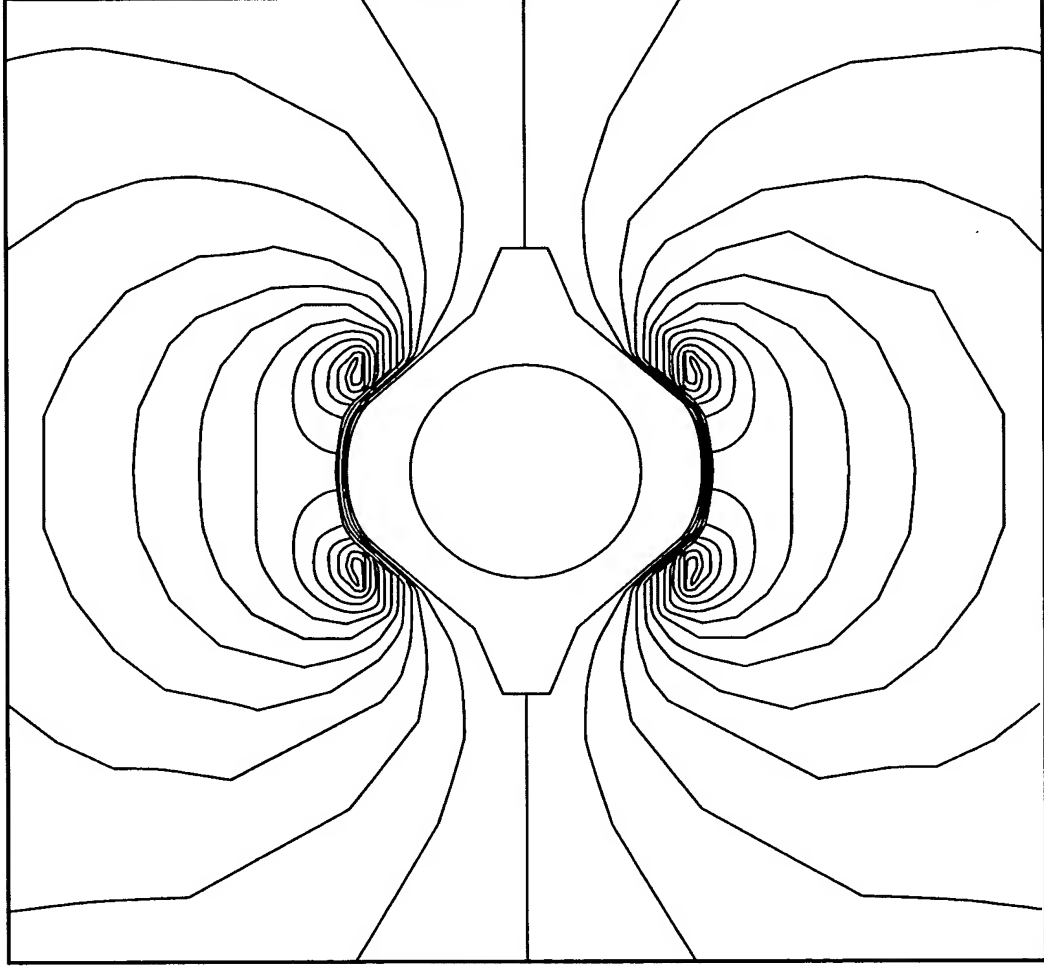
FIG. 6



$B_0$  = DIRECTION OF STATIC MAGNETIC FIELD

$B_1$  = DIRECTION OF RF INDUCED MAGNETIC FIELD

ANSYS 5.4  
MAY 15 1998  
16:23:30  
NODAL SOLUTION  
STEP=1  
SUB=1  
FREQ=500000  
AZ  
RSYS=0



B1, field flux lines

FIG. 7

FIG. 8

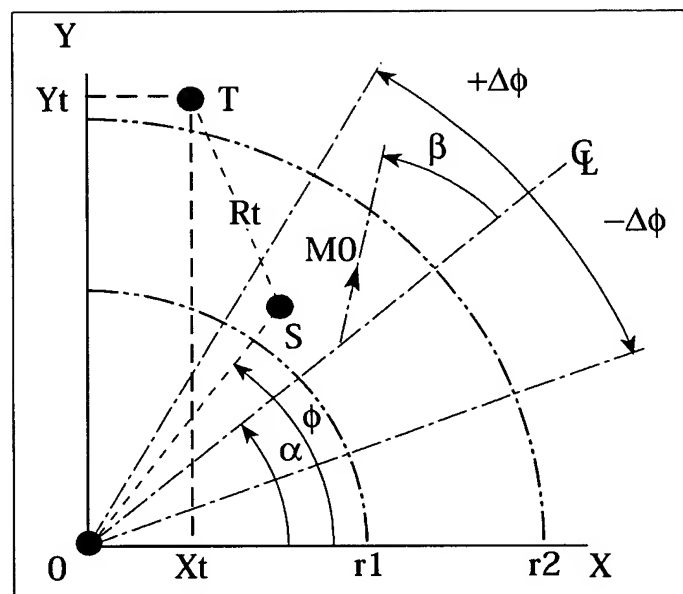


FIG. 9A

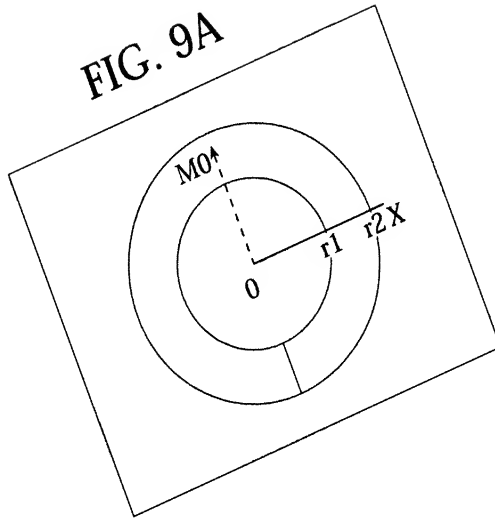


FIG. 9B

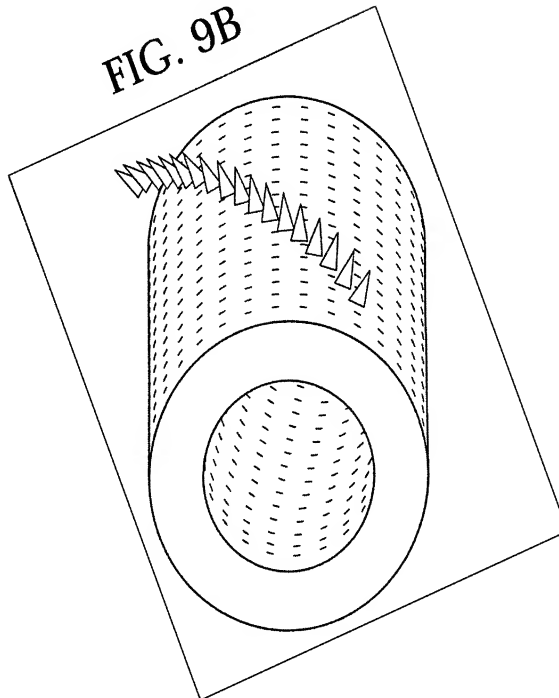




FIG. 10A

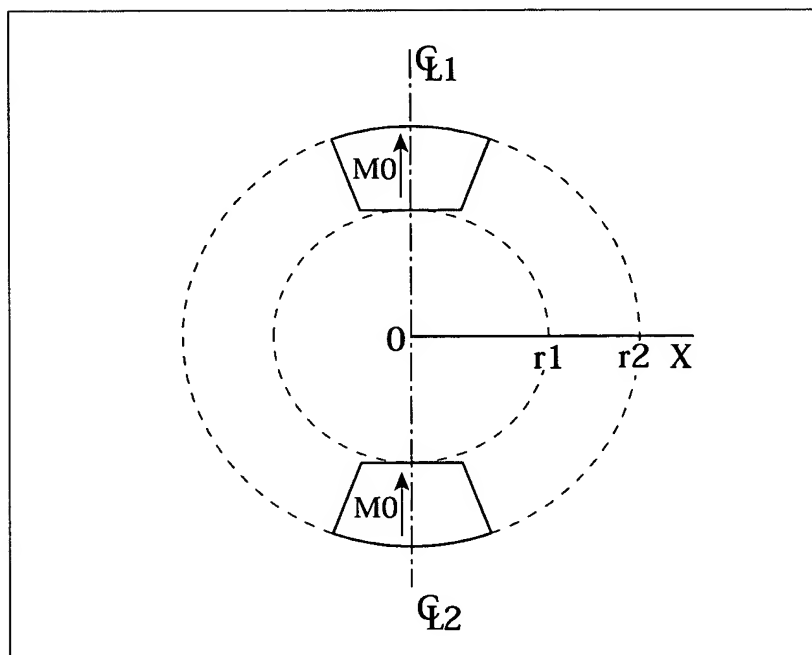


FIG. 10B

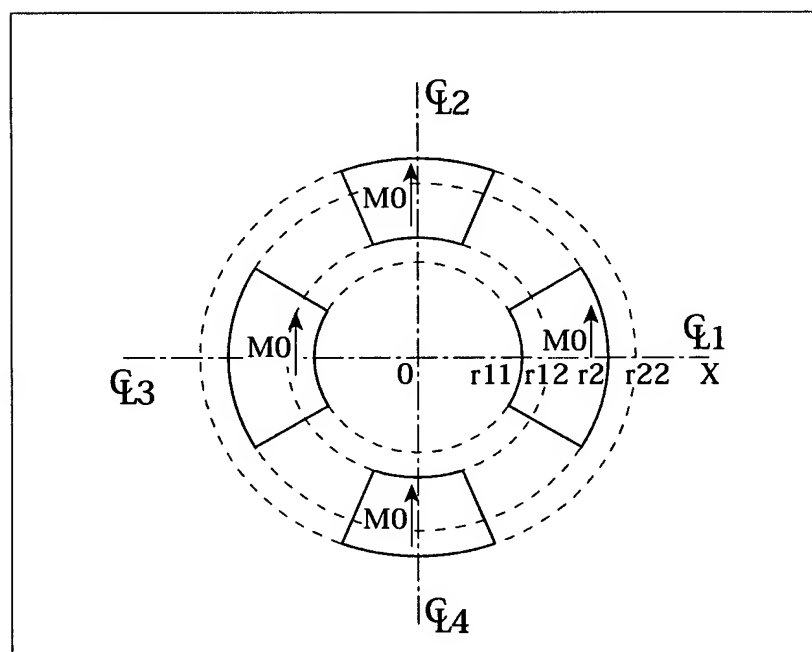
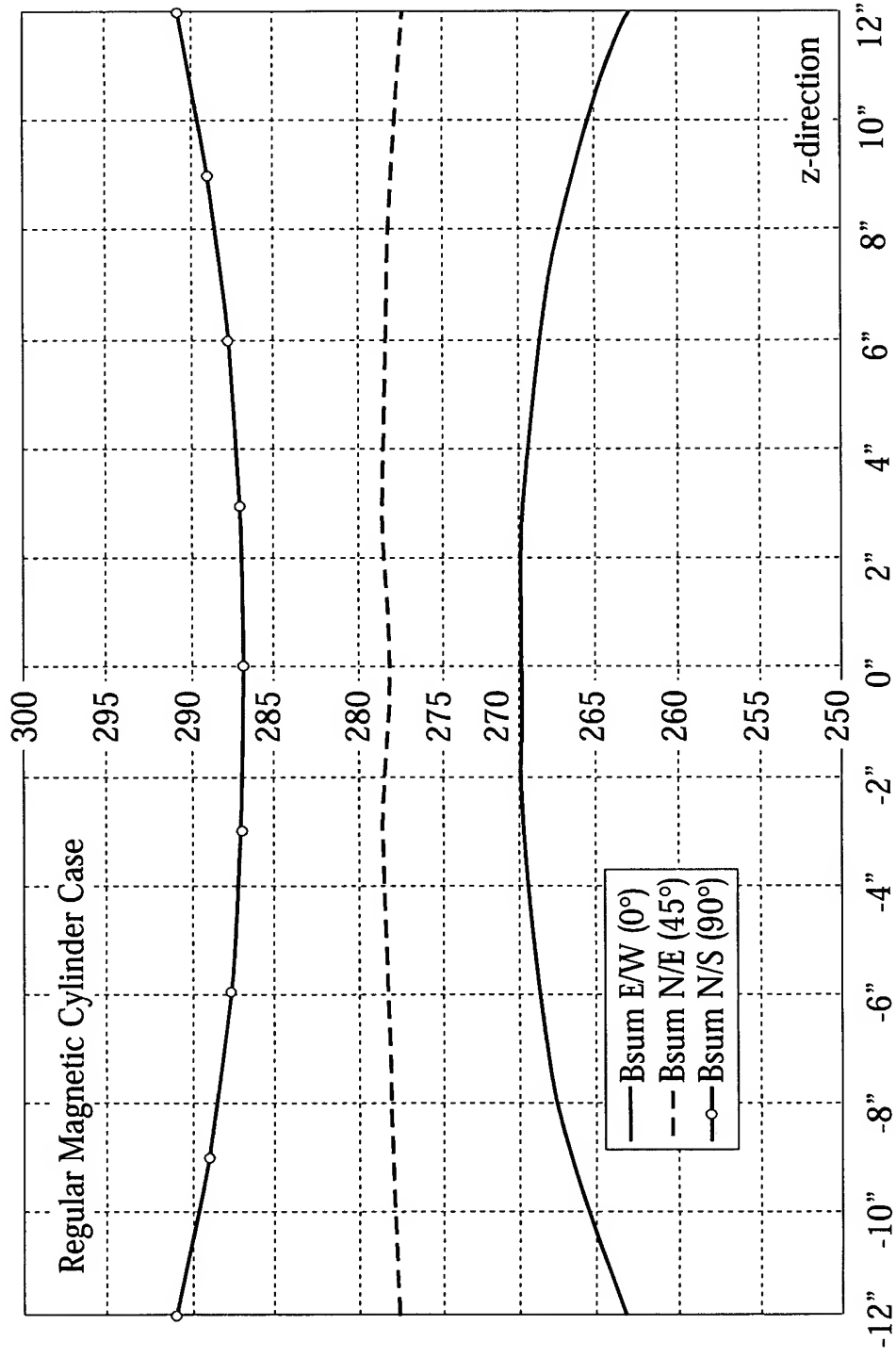


FIG. 11

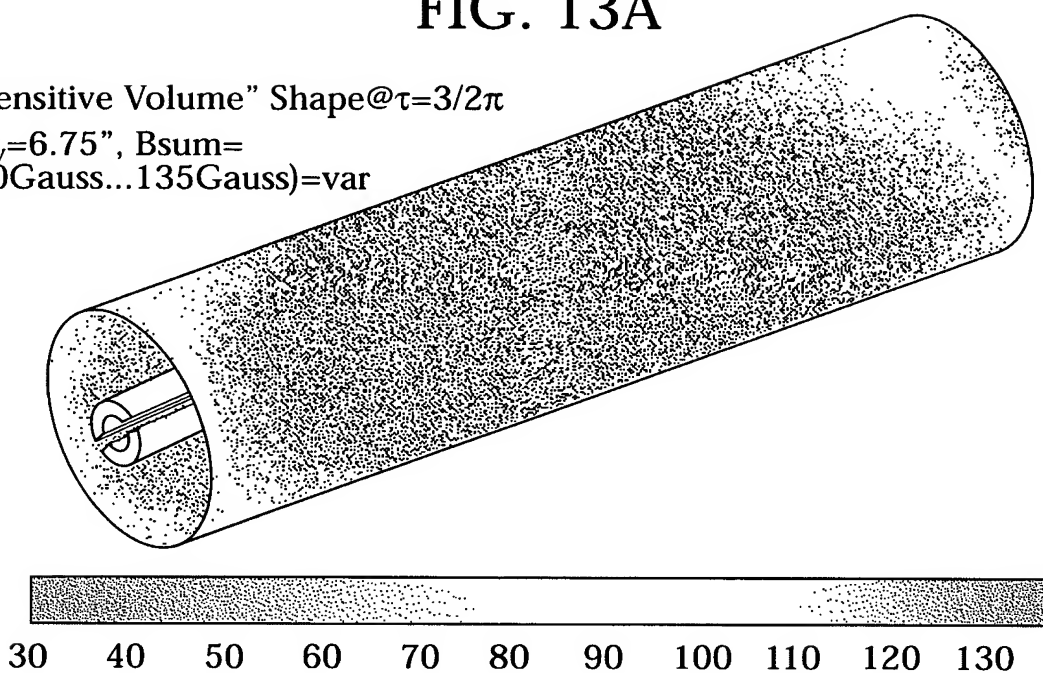




# FIG. 13A

"Sensitive Volume" Shape@ $\tau=3/2\pi$

$R_{sv}=6.75"$ ,  $B_{sum}=(60\text{Gauss}...135\text{Gauss})=\text{var}$



# FIG. 13B

Real Sensitive Volume Shape@ $\tau=3/2\pi$

$B_{sum}=B_0=130\text{Gauss}$ ,  
 $R_{sv}=(6.9"...4.8")=\text{var}$

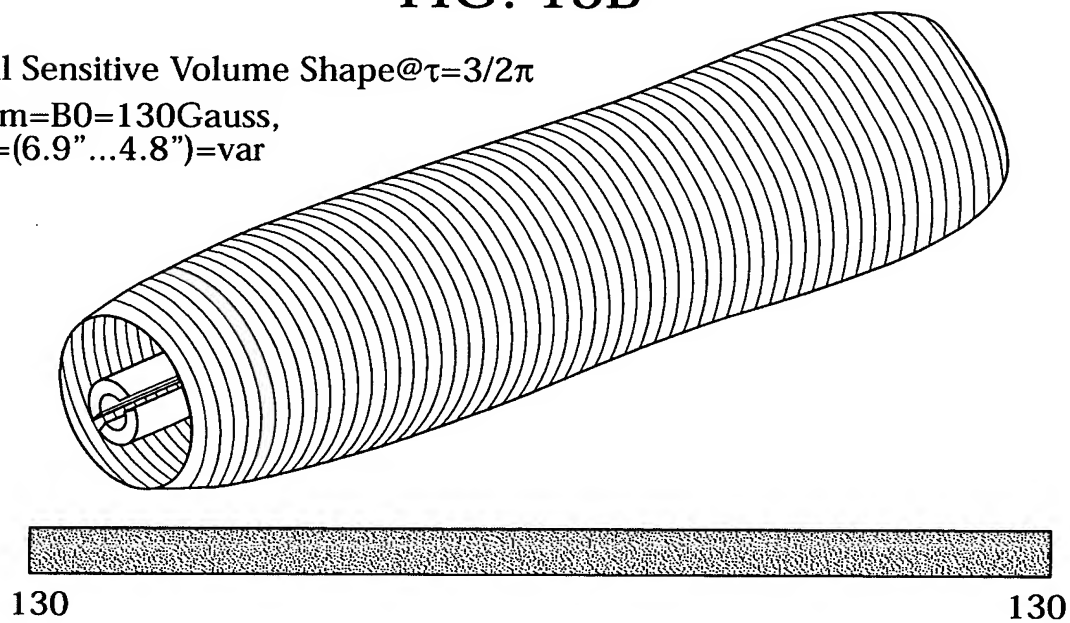


FIG. 14

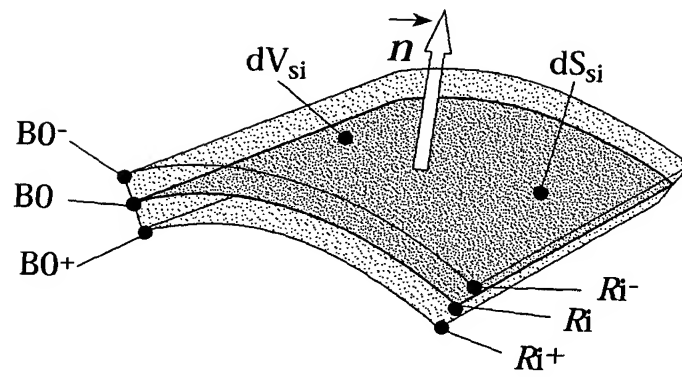


FIG. 15

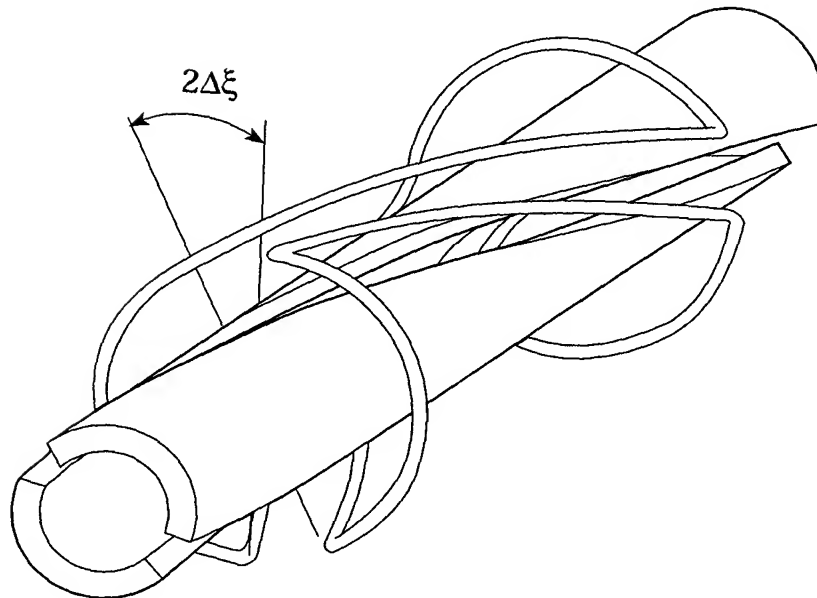


FIG. 16

